

Name _____ Period _____

Pre-Alg Dev

Dividing Whole Numbers

#22a

1-6 For each situation draw a diagram and write a division problem to represent the situation, then solve it. Show your work on another piece of paper.

1. Five friends are sharing 35 M & M's. How many will each friend get?
2. There are 20 students in a class. A teacher is going to pass out 58 paperclips to the class. Each class member has to have the same number of paperclips to play a game. How many will each student have? How many are left over? How many more clips does the teacher need to give each student one more?
3. Chris P. Bakin is making breakfast for his family of 12. He has 25 eggs. If they get equal amounts and none are left, how many eggs will each family member get?
4. Tim Burr cuts down trees for a living. Each tree can make 3 boards. If he cuts down 22 trees, how many boards can he make?
5. Dinah Soares works at a museum. She gives away mini dinosaur footprints. If she wants each child to have 5, and she has 41, how many can she give away?
6. Rusty Fossat has 25 candy canes. If she gives them away 4 at a time, how many people will she give them too?

7-10 Solve each division problem using any method. NO CALCULATOR. Show your work on another piece of paper.

7. Mr. Doh Nutt is a baker making cookies for his friends. He makes 5 dozen (60) cookies, and plans on sharing them with 9 friends. How many whole cookies will each friend have? How many cookies will be left over?
8. Mr. Jim Shorts is a PE teacher. He is taking his class of 80 students to football game. They will take 9 vans. How many people will need to ride in each van?
9. Ali Katt is feeding some kittens. She has 320 cups of food. If she needs to feed 16 cats, how many cups of food will each cat get?
10. Mrs. Ecalono is planning a trip to the planetarium in Salt Lake. She has 300 students signed up to go. She knows each bus can hold 80 people. How many busses will she need to take?

On a piece of gridded paper, do the following problems from **page 657** in your book.
3, 5, 8, 10, 16, 18, 25, 26, 34, 44